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1940 COAL CONSUMPTION FIGURES REPORTED;  
NEW MACHINERY INCREASES MINING EFFICIENCY

FERROUS METALLURGY, POWER PLANTS, RR HEAVY CONSUMERS -- Planovoye Khozyaystvo,  
No 2, Feb 46

The most important consumers of coal both in the prewar period and during the postwar Five-Year Plan are railroad transport, ferrous metallurgy, and electric power plants. These three branches of industry consume more than two thirds of all coal mined. In 1940, 166 million tons of coal were mined, and 250 million tons were planned for 1950. The following table indicates both in tons and in percentages of total output the amounts of coal used by the three largest consumers in 1940 and the amounts planned for 1950:

Consumers of Coal	Consumption (in million tons)			Percentage of Coal Mined	
	1940	1950 (Planned)	1950 in % of 1940	1940	1950 (Planned)
Ferrous metallurgy	39.4	60.1	152.5	24.6	25.2
Electric power plants	20.1	36.1	179.0	12.5	15.1
RR transport	49.0	64.9	132.0	30.6	27.2
Total	108.5	161.0	148.5	67.7	67.5

DONETS BASIN RECEIVES NEW MACHINES -- Pravda, No 105, 15 Apr 50

There are many thin coal seams in the Donbass which contain very high-grade coal. A new machine, the "UKT-1" combine, which differs essentially in structure from the "Donbass" combine, is being tried out to work these seams. The machine can work sloping seams from 0.4 to 0.7 meter thick and can deal with coal of varying degrees of toughness. It has been used effectively in Mine No 19, Rutchenkovugol' Trust.

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Gorlovka machine builders have prepared the first model of the new multiple-bar "MBK" combine, which is intended for working sloping seams of tough coal. The advantage of the new combine is that it can be used to work seams varying in thickness, and it is considerably easier to assemble under mining conditions.

Krasnaya Zvezda, No 102, 29 Apr 50

Operations of the "Annenskaya" Order of Lenin Min. of the Radiyevugol' Trust are representative of the present situation in the Donbass. This mine is producing 80 percent more coal than before the war. Loading of coal in the mine is completely mechanized. Coal is removed from half the mine faces by combines. All the coal extracted is moved along the faces and loaded into mine cars with the aid of heavy-duty conveyers. Haulage along the drifts is effected by electric locomotives.

"DONBASS" COMBINE OPERATES IN URAL MINES -- Vechernyaya Moskva, No 94, 20 Apr 50

"Donbass" combines are operating in the following Kizel coal mines: Mine imeni Kalinin of "Andreyevugol' Trust, mines No 33 "Kapital'naya" and No 32 of Kospashugol' Trust, and "Kapital'naya" Mine No 6 of Kizelugol' Trust.

"DONBASS" COMBINE ADAPTED TO KUZBASS CONDITIONS -- Pravda, No 119, 29 Apr 50

The "Donbass" combine was designed especially to work thin seams. Engineers and operators of the machine cooperated in adapting it to mining conditions in the Kuzbass. A telescoping bar and other changes which broadened the field of the machine's activity were introduced. Even so, the "Donbass" could not work a seam over one meter thick. Then the suggestion was made of operating "Donbass" combines in pairs. This proved successful and made it possible to work a 2-meter seam.

Trud, No 103, 30 Apr 50

Stalinugol', Molotovugol', and Prokop'yevskugol' trusts of the Kuzbassugol' Combine completed the 4-month plan for coal mining 5 days ahead of schedule. The Kuzbassugol' Combine as a whole finished the 4-month plan on 28 April.

The "Zenkovskiye Uklony" Mines were particularly successful in the pre-May competition. The Mine imeni Stalin delivered nearly 40 trainloads of coking coal on the May program.

By combining trades and mechanizing coal mining processes the Kuzbass Combine freed 3,500 workers for the southern Kuzbass.

MACHINES INCREASE KARAGANDA EFFICIENCY -- Kazakhstanskaya Pravda, No 73, 9 Apr 50

A cutting and loading machine which is in operation at a face of the third section of Mine No 31-bis in the Karaganda Basin completely eliminates manual labor by cutters and loaders. The productivity of the machine for February was 5,900 tons, as against a planned 4,800, and it had risen in March to 6,800 tons.

A mining combine of the Makarov type operating at the sixth section of Mine No 31 in the Karaganda Basin mined 11,588 tons of coal during March. This represents the highest productivity of the mining combine during the entire period of its use.

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Kazakhstanskaya Pravda, No 89, 29 Apr 50

Mine No 47, Molotovugol' Trust, was the third mine in the Karaganda Basin to complete the Five-Year Plan for coal mining, which it did on 23 April.

Even a year ago mechanical devices were poorly utilized at this mine, and many of the workers displayed an antimechanization attitude. However, the Party organization of the mine and the entire mining collective resisted this tendency, and mechanizing of mining has sharply increased. At present the most labor-consuming operations are performed with the help of machines.

KIRGIZ MINERS WORK UNEVENLY -- Sovetskaya Kirgiziya, No 89, 5 May 50

Pits of the Tash-Kumyr Mine (rudnik) Kirgiz SSR, have for a long time been lagging and working unevenly. On 9 April, "Kapital'naya" Mine (shakhta), the largest in the area, completed the plan 80 percent; on 13 April, 104 percent; 2 days later it dropped back to 71 percent. At the beginning of April the plan was not fulfilled in the "Severnaya" Mine (shakhta) because of the poor functioning of underground transport. When these grounds for failure were removed, section leaders began to complain about other machinery.

Sovetskaya Kirgiziya, No 90, 6 May 50

Workers of the "Almalyk" Mine Administration of the fuel trust under the Council of Ministers Kirgiz SSR have worked successfully in the pre-May contest. The miners fulfilled the program ahead of schedule and extracted several hundred tons of coal above the plan before the end of the month.

GEORGIAN COAL-CLEANING PLANT ELIMINATES BOTTLENECK -- Zarya Vostoka, No 82, 21 Apr 50

Loading coal into bunkers has for a long time been one of the bottlenecks in operations of the Tkvarchelugol' Trust's Central Coal-Cleaning Plant. The wet coal clogged up the belt conveyor, and up to ten extra persons were required to put it in order again. A shift foreman worked out a method which prevents the coal from falling into the conveyor and assures its continuous operation.

OUTSTANDING COAL ENTERPRISES RECEIVE AWARDS -- Vechernyaya Moskva, No 102, 29 Apr 50

As a result of good work for the first quarter 1950, Transferable Red Banners and first prizes were conferred on Kemerovugol' and Tulaugol' combines, Skuratovugol' Trust (Tulaugol' Combine), Kopeyskugol' Trust (Chelyabinsk Combine), Lisichanskugol' Trust (Voroshilovgradugol' Combine), and Chistyakovshakhtovostanovleniye. A number of mines were also awarded Transferable Red Banners and first prizes for their achievements during the first quarter. These included Mine No 40 (Krasnoarmeyskugol' Trust), "Kochegarka" Mine No 3 (Gorlovskugol' Trust), the Mine imeni Rumyantsev (Kalininugol' Trust, Artemugol Combine, Mine No 3 (Kaganovichugol' Trust, Kuzbassugol' Combine) Mine No 5-7 and 9-15 (Anzherougol' Trust, Kemerovugol' Combine).

Sovetskaya Kirgiziya, No 86, 30 Apr 50

Kok-Yangak Mine of the Kirgizugol' Trust, Ministry of Coal Industry USSR, was awarded a Red Banner for permanent retention because of its achievements in fulfilling the 1949 state plan.

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SET UP ACADEMY OF COAL INDUSTRY IN MOSCOW -- Pravda Ukrainy, No 108, 7 May 50

An academy of the coal industry has been established in Moscow in 1950. Directors, engineers, and technicians of enterprises of the coal industry who have had training at higher mining technical schools will be enrolled as students at the new academy. As a result of 2 years of training at the academy, they will greatly broaden and intensify their knowledge and acquire higher qualifications. One hundred will be admitted each year.

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